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IN THE UNITED STATES PATENT OFFICE

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|-----------------------------|----------------------------|
| APPLICANT: Shih-Chieh Hung  | ART UNIT: 1636             |
| APPLICATION No.: 09/761,893 | EXAMINER: Jennifer Dunston |
| FILING DATE: 01/17/2001     |                            |

FOR: Method of isolating mesenchymal stem cells

Attn: ART UNIT 1636  
Honorable Commissioner of Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Date: 12/31/2008

AMENDMENT

In response to the last Office Communication mailed on 12/8/2008, please amend the above-identified application as following.

IN THE CLAIMS:

A: Please amend the claims as follows:

This listing of claims will replace all prior versions and listings of claims in the application:

**Listing of Claims:**

1. (Currently amended) A method for isolating mesenchymal stem cells from bone marrow aspirate, comprising:

(a) providing a cell mixture comprising mesenchymal stem cells and other cells in a culture medium, said ~~the~~ culturing medium containing factors that stimulate MSCs growth without differentiation and allowing for the selective adherence of only the mesenchymal stem cells to substrate surface;

(b) seeding and culturing the cell mixture in a culture device comprising an upper plate with pores and a lower plate base, said ~~the~~ upper plate, made of the mesenchymal stem cell adhering material, where mesenchymal stem cells adhered and are cultured, and the lower plate base, where the other small-sized cells adhered following passing through the pores in the upper plate; and